Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
Data File : BM029008.D
Acq On : 05 Mar 2021 22:33
Operator : CG/JU
Sample : M1551-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 06 00:28:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204MS

Manual Integrations APPROVED

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3/8/2021 9:35:19 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	11748	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	46089	20.00	ng		# 0.00
39) Acenaphthene-d10	14.345	164	25349	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	50666	20.00	ng		0.00
76) Chrysene-d12	21.268	240	50893	20.00	ng		# 0.00
86) Perylene-d12	23.427	264	52160	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	102383	144.45	ng		0.00
7) Phenol-d6	6.869	99	125584	134.15	ng		0.00
23) Nitrobenzene-d5	8.851	82	80547	94.29	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	42228	140.56	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	168098	88.28	ng		0.00
79) Terphenyl-d14	19.715	244	204549	74.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.087	88	11507	43.18	ng	#	56
3) Pyridine	3.504	79	31791	45.20	ng	#	30
4) n-Nitrosodimethylamine	3.422	42	25138	63.98	ng	#	42
6) Aniline	7.016	93	17593	17.57	ng		100
8) 2-Chlorophenol	7.245	128	39687	47.14	ng		96
9) Benzaldehyde	6.828	77	10654	20.88	ng		87
10) Phenol	6.898	94	48198	51.81	ng		95
11) bis(2-Chloroethyl)ether	7.116	93	33537	47.52	ng		91
12) 1,3-Dichlorobenzene	7.563	146	42706m	46.51	ng		
13) 1,4-Dichlorobenzene	7.710	146	43409	46.62	ng		98
14) 1,2-Dichlorobenzene	8.022	146	41584	46.41	ng		99
15) Benzyl Alcohol	7.939	79	32662	48.79	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.216	45	57379	52.80	ng		69
17) 2-Methylphenol	8.145	107	30463	48.22	ng	#	90
18) Hexachloroethane	8.739	117	16777	49.59	ng		90
19) n-Nitroso-di-n-propyla...	8.498	70	26272	47.71	ng	#	50
20) 3+4-Methylphenols	8.475	107	41245	48.53	ng		93
22) Acetophenone	8.516	105	56143	49.95	ng	#	84
24) Nitrobenzene	8.898	77	41368	47.63	ng	#	87
25) Isophorone	9.416	82	68840	45.80	ng		97
26) 2-Nitrophenol	9.598	139	20771	47.34	ng		93
27) 2,4-Dimethylphenol	9.669	122	32861	49.92	ng		93
28) bis(2-Chloroethoxy)met...	9.904	93	43030	50.38	ng		98
29) 2,4-Dichlorophenol	10.133	162	34927	46.37	ng		98
30) 1,2,4-Trichlorobenzene	10.333	180	38575	46.71	ng		97
31) Naphthalene	10.522	128	117747	46.34	ng		99
32) Benzoic acid	9.851	122	23912	50.67	ng	#	89
33) 4-Chloroaniline	10.651	127	12362	12.10	ng	#	93
34) Hexachlorobutadiene	10.786	225	23005	46.46	ng		98
35) Caprolactam	11.463	113	9408	45.66	ng	#	38
36) 4-Chloro-3-methylphenol	11.792	107	35938	47.34	ng		93
37) 2-Methylnaphthalene	12.145	142	82024	45.88	ng		97
38) 1-Methylnaphthalene	12.363	142	77367	45.69	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	39612	49.98	ng		99
41) Hexachlorocyclopentadiene	12.480	237	33167	109.78	ng		96
43) 2,4,6-Trichlorophenol	12.774	196	26810	48.26	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	28249	47.38	ng	#	96
46) 1,1'-Biphenyl	13.174	154	99823	49.10	ng		99
47) 2-Chloronaphthalene	13.216	162	78987	47.60	ng		98
48) 2-Nitroaniline	13.439	65	24117	54.03	ng		91
49) Acenaphthylene	14.068	152	120986	47.47	ng		99
50) Dimethylphthalate	13.816	163	102341	53.28	ng		99
51) 2,6-Dinitrotoluene	13.945	165	20763	46.36	ng		93
52) Acenaphthene	14.410	154	75716	48.44	ng		98
53) 3-Nitroaniline	14.274	138	10641	24.38	ng		91
54) 2,4-Dinitrophenol	14.498	184	18375	80.21	ng		92
55) Dibenzofuran	14.745	168	117665	47.95	ng		97
56) 4-Nitrophenol	14.604	139	35089	98.02	ng		90
57) 2,4-Dinitrotoluene	14.745	165	28721	49.09	ng	#	82
58) Fluorene	15.398	166	99460	50.57	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	23170	48.35	ng	#	86
60) Diethylphthalate	15.186	149	97230	50.31	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	45748	48.75	ng		90
62) 4-Nitroaniline	15.445	138	18046	42.77	ng		98
63) Azobenzene	15.692	77	89660	50.27	ng		85
65) 4,6-Dinitro-2-methylph...	15.510	198	12336	34.58	ng	#	70
66) n-Nitrosodiphenylamine	15.615	169	78617	45.36	ng		99
67) 4-Bromophenyl-phenylether	16.286	248	26138	45.98	ng	#	88
68) Hexachlorobenzene	16.398	284	28992	45.76	ng	#	91
69) Atrazine	16.574	200	22430	41.59	ng		98
70) Pentachlorophenol	16.751	266	35644	105.18	ng		99
71) Phenanthrene	17.133	178	207560	68.79	ng		99
72) Anthracene	17.227	178	157056	52.55	ng		99
73) Carbazole	17.503	167	131287	45.78	ng		99
74) Di-n-butylphthalate	18.056	149	167814	51.47	ng		100
75) Fluoranthene	19.150	202	228072	68.79	ng		99
77) Benzidine	19.345	184	49492	29.51	ng		99
78) Pyrene	19.515	202	232804	62.27	ng		99
80) Butylbenzylphthalate	20.415	149	78326	48.67	ng		95
81) Benzo(a)anthracene	21.250	228	193285	54.72	ng		99
82) 3,3'-Dichlorobenzidine	21.192	252	44390	36.38	ng	#	98
83) Chrysene	21.303	228	183462	53.30	ng		100
84) Bis(2-ethylhexyl)phtha...	21.180	149	120081	51.85	ng	#	96
85) Di-n-octyl phthalate	22.038	149	208386	53.03	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.597	276	207143	52.63	ng	#	91
88) Benzo(b)fluoranthene	22.785	252	198482	53.87	ng	#	97
89) Benzo(k)fluoranthene	22.833	252	175093	50.03	ng	#	98
90) Benzo(a)pyrene	23.338	252	177193	52.70	ng	#	98
91) Dibenzo(a,h)anthracene	25.603	278	167210	48.88	ng	#	96
92) Benzo(g,h,i)perylene	26.256	276	171553	51.94	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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